

Canine Progesterone ELISA Kit | PROG elisa kit

Canine Progesterone (PROG) ELISA Kit

CATALOG #
AAA55418

REACTIVITY
Canine

PRODUCT SYNONYMS

Progesterone; Canine Progesterone (PROG) ELISA Kit; PROG elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Canine
Specificity	This assay has high sensitivity and excellent specificity for detection of Canine PROG. No significant cross-reactivity or interference between Canine PROG and analogues was observed.
Samples	Serum, plasma and other biological fluids
Assay Type	Quantitative Competitive
Detection Range	0.15 ng/mL - 70 ng/mL
Sensitivity	0.15 ng/mL (mean of 6 independent assays)
Intra-assay Precision	Intra-assay Precision (Precision within an assay) Three samples of known concentration were tested twenty times on one plate to assess intra-assay precision. Intra-Assay: CV<8%
Inter-assay Precision	Inter-assay Precision (Precision between assays) Three samples of known concentration were tested in forty separate assays to assess inter-assay precision. CV(%) = SD/meanX100. Inter-Assay: CV<12%
Preparation and Storage	Store at 2-8 degree C.

ADDITIONAL INFORMATION

Related Product Information for PROG elisa kit

Intended Uses: For the quantitative detection of Canine Progesterone (PROG) concentration in serum, plasma and other biological fluids.

Principle of the Assay: This assay employs the competitive enzyme immunoassay technique. The microtiter plate provided in this kit has been pre-coated with goat-anti-rabbit antibody. Standards or samples are added to the appropriate microtiter plate wells with an antibody specific for PROG and Horseradish Peroxidase (HRP) conjugated PROG. The competitive inhibition reaction is launched between with HRP labeled PROG and unlabeled PROG with the antibody. A substrate solution is added to the wells and the color develops in opposite to the amount of PROG in the sample. The color development is stopped and the intensity of the color is measured.

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/prog-canine-elisa-kits/progesterone/55418>